

[received by the International Bureau on 30 August 2004 (30.08.2004);
original claims 1 and 10 amended; original claim 9 cancelled;
remaining claims unchanged (3 pages)]

1. (Amended) An acrylic adhesive composition for an electro-magnetic
shielding film having crosslinking density ranging from 1 to 95%, comprising:

- a) an acrylic copolymer of i) (meth)acrylate ester monomers having
5 C₁ to C₁₂ alkyl groups and ii) vinylic monomers having hydroxyl groups; and
b) a multifunctional isocyanate crosslinking agent.

2. The acrylic adhesive composition for an electro-magnetic
shielding film of Claim 1, which comprises:

- a) 100 parts by weight of an acrylic copolymer of:
10 i) 90 to 99.9 parts by weight of (meth)acrylate ester
monomers having C₁ to C₁₂ alkyl groups; and
ii) 0.1 to 10 parts by weight of vinylic monomers having
hydroxyl groups; and
b) 0.01 to 10 parts by weight of a multifunctional isocyanate
15 crosslinking agent.

3. The acrylic adhesive composition for an electro-magnetic
shielding film of Claim 1, wherein said (meth)acrylate ester monomers
having C₁ to C₁₂ alkyl groups are one or more members selected from the
group consisting of butyl(meth)acrylate, 2-ethylhexyl(meth)acrylate,
20 ethyl(meth)acrylate, methyl(meth)acrylate, *n*-propyl(meth)acrylate,
isopropyl(meth)acrylate, *t*-butyl(meth)acrylate, pentyl(meth)acrylate, *n*-
octyl(meth)acrylate, and isononyl(meth)acrylate.

20
23

AMENDED SHEET (ARTICLE 19)

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4. The acrylic adhesive composition for an electro-magnetic shielding film of Claim 1, wherein said vinylic monomers having hydroxyl groups are one or more members selected from the group consisting of 2-hydroxyethyl(meth)acrylate, 2-hydroxypropyl(meth)acrylate, 2-hydroxyethyleneglycol(meth)acrylate, and 2-hydroxypropyleneglycol(meth)acrylate.

5. The acrylic adhesive composition for an electro-magnetic shielding film of Claim 1, wherein said vinylic monomers having hydroxyl groups react with isocyanate groups of said multifunctional isocyanate crosslinking agent to form a partial crosslinkage.

6. The acrylic adhesive composition for an electro-magnetic shielding film of Claim 1, wherein said multifunctional isocyanate crosslinking agent is one or more members selected from the group consisting of tolylene diisocyanate, diphenylmethane diisocyanate, hexamethylene diisocyanate, and a trimethylolpropane adduct of tolylene diisocyanate.

7. The acrylic adhesive composition for an electro-magnetic shielding film of Claim 1, which further comprises one or more additives selected from the group consisting of a near infrared ray absorbent, epoxy resin, curing agent, silane coupling agent, plasticizer, UV stabilizer, antioxidant, dye, reinforcing agent, and filler.

8. The acrylic adhesive composition for an electro-magnetic

shielding film of Claim 1, wherein said acrylic copolymer is prepared by solution polymerization, photopolymerization, bulk polymerization, suspension polymerization, or emulsion polymerization.

9. (Cancelled)

- 5 10. (Amended) An electro-magnetic shielding filter for a plasma display panel transparentized using an acrylic adhesive composition of any of Claims 1 to 8.

22
23

AMENDED SHEET (ARTICLE 19)

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